book Theses

PETROV, I.R., professor

Using artificial hypothermia in surgery. Voen.-med.zhur. no.7:9-19 Jl '56. (MLRA 9:11)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(HYPOTHERMIA) (SURGERY, OPERATIVE)

PETROV, I.R., prof., polkovnik med.sluzhby, GUBLER, Ye.V., dots., podpolkovnik med.sluzhby, ZOR'KIN, A.A., mayor med.sluzhby, KULAGIN, V.K., mayor med.sluzhby

Mikhail Grigor'evich Danilov, 1902-1955. Arkh.pat. 18 no.3:140-141 '56 (MIRA 11:10)

1. Nachal'nik kafedry patologicheskoy fiziologii Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova, chlen-korrespondent AMN SSSR (for Petrov).
(DANILOV, MIKHAIL GRIGOR'EVICH, 1902-1955)

PETROV, I.R., KULAGIN, V.K., kand.med.nauk (Leningrad)

Complex method of conducting practical studies in pathologic physiology. Arkh.pat. 18 no.4:115-120 '56. (MIRA 11:10)

1. Chlen-korrespondent AMN SSSR (for Petrov).
(PATHOLOGY, educ.
in Russia, practical methods of conducting experiments (Rus))

PETROV, I.R., professor (Leningrad) (ul. Lebedeva, d. 10-a, kv. 18)

Etiology, pathogenesis, prevention, and treatment of burn shock. Vest. khir. 77 no.2:99-105 F '56 (MIRA 9:6)

1. Chlen-korrespondent AMN SSSR.
(BURNS, compl.
shock, review)
(SHOCK, etiol. and pathogen.,
burns, review)

PETROV, I.R., professor

Present state of the problem of antishock solutions [with summary in English, p.157] Vest.khir. 77 no.6:24-32 Je '56. (MLRA 9:8)

1. Chlen-korrespondent AMN SSSR. 2. Iz laboratorii eksperimental'-noy patologii Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi. Leningrad, ul. Lebedeva, d. 10-a, kv. 18.

(SHOCK, therapy,
plasma substitutes (Rus))
(PLASMA SUBSTITUTES, therapeutic use,
shock (Rus))

PETROV I. R.

USSR/Pharmacology, Toxicology. Ganglioblocking Drugs U-4

Abs Jour : Ref Zhur - Biol., No 4, 1958, No 17185

Author : Petrov I.R., Astakhova T.N., Korostovtseva N.V.
Inst : Not Given
Title : Hypothermia and Ganglioblocking Agents in the Prophylactic System of Results of Temporary Suspension of Blood Circulation in an Experiment.

Orig Pub : Vestn. Khirurgii, 1956, 77, No 10, 16-26

Abstract : Experiments were carried out on dogs in the following sequence:
1) morphine and promedol were administered;
2) 30-40 minutes later hexonium (5mg/kg) and dimedrol (0.5 mg/kg) were intravenously administered;
3) Ether narcosis with a transition to intratracheal ether oxide administration;
4) the cooling of the animal to 27-39°;
5) Intramuscular administration of 0.5-1 ml of a mixture: of papaverine - 50 mg, atropinelmg and distilled water-10ml.
6) Thoracotomy and the animal's transition to artificial respiration;

Card : 1/3

10) In 1-3 minutes after the restoration of the cardiac rhythm the administration of 0.5 to 1 ml of a 1% ephedrine solution;

PETROV, I. P.

Proteinaceous solution as plasma substitute. I. P. Petrov, L. O. Bogomolova, and Z. A. Chaplygina. U.S.S.R. 105,367, May 25, 1957. The acid hydrolysate of clotted blood of cattle is used as plasma substitute for parenteral intake. M. Hosch

PETROV, I. R. (Corr. Mem. Acad. Med. Sci. USSR)

"The Pathogenesis, Experimental Prophylaxis, and Therapy of Various Types o. Shock,"

paper presented at 11th Session of General Conf. on the problem of Trauma, Acad. Med. Sci. USSR, Moscow, 15 - 20 Apr 57.

Sovetskoye Zdravookhraneneiye Kirgizii, Frunze, No. 6, Nov/Dec 57, pp 60-64.

USSR/General Problems of Pathology - Shock U-1

Abs Jour : Ref Zhur - Biol., No. 18, 1958, 84819

Author : Petrov, I.R.
Inst : ~~No institute~~ is given
Title : The Prophylaxis of Shock

Orig Pub : Patol. fiziologiya i eksper. terapiya, 1957, Vol. 1, No. 1, 5-12

Abstract : No abstract is given

Card 1/1

1798

therapeutic effect in hibernation. More better propholactic and therapeutic results in burn shock in dogs were obtained by the use of a mixture that contained vitamins (C, B_1, PP and B_6), glucose, sodium bromide, and infusion of blood and blood substitutes. Addition of neuroplegic mixture did not enhance effectivity. Good results in the treatment of traumatic shock were obtained by the use of neuroplegic mixtures with a simultaneous warming of the animals. This prevented fall in body temperature and increased oxygen consumption. 70-80% of animals survived while in controls mortality was 80%. It was shown that in a shock of mild or moderate degree use of relaxants (dibazol) is indicated. It is considered that shock treatment should be based on different principles according to the severity of shock and the stage of its development. References 20. Davydova - Moscow (S)

PETROV, I.R., professor; KULAGIN, V.K.

Pathophysiological reactions in acute radiation sickness. Med.rad. 2 no.2:3-12 Mr-Ap '57. (MLRA 10:7)

1. Chlen-korrespondent AMN SSSR (for Petrov). 2. Iz kafedry patologicheskoy fiziologii (nach. - prof. I.R.Petrov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.
(RADIATION SICKNESS, pathology, physiopathol., review (Rus))

PETROV, I.R., professor; KULAGIN, V.K., kandidat meditsinskikh nauk.

"Demonstration course in pathological physiology" by S.I. Frankshtein. Reviewed by I.R. Petrov, V.K. Kulagin. Arkh. pat., 19 no.3:79-80 '57 (MIRA 10:6)

1. Chlen-korrespondent AMN SSSR (for Petrov)
(PHYSIOLOGY, PATHOLOGICAL--STUDY AND TEACHING)

EXCERPTA MEDICA Sec.2 Vol.10/10 Physiochem. Oct 57

PETROV I.R

4396. PETROV I. R., RAIKO Z. A. and KUDRITZKAIA T. E. Depts of Pathol. Physiol. and of Biol. Chem., S.M. Kirov Military Med. Acad., Leningrad. *Comparative characteristics of functional variations and of some data on carbohydrate-phosphorus metabolism of brain tissue under terminal conditions, during 'clinical death' and on resuscitation of experimental animals (Russian text) FIZIOL. Z. 1957, 43/2 (107-116) Graphs 4 Tables 4

In cardiac and respiratory arrest ('clinical death') produced by breathing of CO_2 in cats, ATP and phosphocreatine content in the brain decrease, while inorganic P and lactic acid increase. The reverse changes during resuscitation are correlated with the recovery of cortical activity as shown by means of conditioned reflexes.

Simonson - Minneapolis, Minn.

PETROV, I. R.

USSR/Human and Animal Physiology - The Nervous System. V-10

Abs Jour : Ref Zhur - Biol., No 2, 1958, 8963

Author : I.R. Petrov and G.A. Akimov
Inst :
Title : Functional and Morphological Changes in the Nervous System of Cats When the Heart is Isolated from the Circulation under Conditions of Artificial Hypothermy.

Orig Pub : Vestn. khirurgii, 1957, 78, No 1, 27-43, 156

Abstract : Nine out of twelve cats endured well the prolonged (from 18½ to 23 minutes) exclusion of the heart from the circulation while a prophylacted complex was employed: ether-oxygen anesthesia, hexone, vitamins B_1 and C, glucose and general chilling. Full restoration of the functions of the central nervous system occurred in the same sequence as, but more rapidly than after aphyxial cessation of the heart. Of the animals which survived, in two focal changes were observed in the hippocampus, in two others there

Card 1/2

PETROV, I.R., professor; KULAGIN, V.K., kandidat meditsinskikh nauk

Development of a theory of disease. Vest.khir. 78 no.3:128-136 Mr '57. (MLRA 10:6)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Petrov). Adres avtorov: Leningrad, ul. Lebedeva, d.37, kafedra patologicheskoy fiziologii
(DISEASES
work-up of dis. theory, review (Rus))

PETROV, I.R., prof.; KULAGIN, V.K., dotsent

Symposium on quantitative characteristics of disease. Pat. fiziol. i eksp. terap. 6 no.6:85-86 N-D'62 (MIRA 17:3)

1. Deystvitel'nyy chlen AMN SSSR (for Petrov).

USSR/Human and Animal Physiology - Nervous System. Metabolism. T-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, 84534

Author : Mayk[illegible], Ye.A., Igtrov, I.A., Kudritskaya, T.Ye.

Inst : -

Title : Effects of Hypothermia and Ganglioblocking Substances [illegible] the Carbohydrate-Phosphorus Metabolism in the Brain [illegible] Temporary Exclusion of the Heart from Blood Circulation.

Original : Vest. [illegible], 1957, 78, No 5, [illegible] 15[illegible].

Abstract : After intravenous administration of a hexonic preparation, hypo[illegible] induced in ether-oxygen anesthetized cats by exc[illegible] the heart from the circu[illegible] blood system. T[illegible] achieved by clamping off [illegible] the ve[illegible] for 18-27 minutes. At [illegible] time, [illegible] was [illegible]uced by chilling the body [illegible] temperature [illegible]-24° C with ice. ATP [adenosine triphosphate] a[illegible]

Card 1/2

PETROV, Ioakim Romanovich; FILATOV, A.N.

[Blood plasma substitutes] Plazmozameshchaiushchie rastvory. Medgiz, 1958. 235 p. (MIRA 12:2)
(BLOOD PLASMA SUBSTITUTES)

PETROV, I.R., prof. (Leningrad)

Prevention of shock [with summary in English]. Pat.fiziol. i eksp. terap. 1 no.1:5-12 Ja-F '58. (MIRA 12:1)

1. Iz kafedry patologicheskoy fiziologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova, chlen-korrespondent AMN SSSR.

(SHOCK, prev. & control in animals & man)

PETROV, I.R., prof., KULAGIN, V.K., kand.med.nauk

"Principal mechanism in the development of traumatic shock" by A.N. Gorlienko. Reviewed by I.R. Petrov, V.K. Kulagin. Pat.fiziol. i eksp.terap. 2 no.2:63-64 Mr-Ap '58 (MIRA 11:7)

1. Chlen-korrespondent AMN SSSR (for Petrov)
(SHOCK)

PETROV, I.R., prof. (Leningrad)

Use of artificial hypothermia for the prevention of injurious sequelae of temporary cessation of general circulation [with summary in English]. Pat.fiziol. i eksp.terap. 2 no.6:8-13 N-D '58. (MIRA 12:1)

1. Chlen-korrespondent AMN SSSR. Iz kafedry patologicheskoy fiziologii Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(HEART, surg.
exper., with prolonged hypothermia in cats (Rus))
(HYPOTHERMIA, exper.
prolonged, in open heart surg. in cats (Rus))

PETROV, I.R., prof. (Leningrad, ul. Lebedeva, d. 10-a, kv.18)
SENCHILO, Ye.A., kand.med.nauk

A synthetic plasma substitute syncol and its use in clinical practice [with summary in English] Vest.khir. 81 no.8:44-50 Ag '58 (MIRA 11:9)

1. Iz eksperimental'noy laboratorii (zav. - prof. I.R. Petrov) i khirurgicheskoy kliniki (zav. - prof. A.N. Filatov) Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi. 2. Chlen-korrespondent AMN SSSR (for Petrov)
(DEXTRAN, ther. use
indic. (Rus))

PETROV, I.R., prof., GURLER, Ye.V., dots.

Oxygen therapy; review of Russian and foreign literature.
Vest.khir. 81 no.8:124-134 Ag '58 (MIRA 11:9)

1. Kafedry patologicheskoy fiziologii (nach. - prof. I.R. Petrov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
2. Chlen-korrespondent AMN SSSR (for Petrov). Adres avtorov: Leningrad, ul. Lebedeva, d. 6, kafedra patologicheskoy fiziologii Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.
(OXYGEN, ther. use.
review (Rus))

PETROV, I.R., prof.; IL'INSKAYA, I.V. (Leningrad)

Use of bone marrow in the compound therapy of radiation sickness. Pat.fiziol. i eksp.terap. 3 no.5:65-70 S-O '59. (MIRA 13:3)

1. Iz laboratorii eksperimental'noy patologii (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. I.R. Petrov) Leningradskogo instituta perelivaniya krovi.

(BONE MARROW transpl.)
(RADIATION INJURY exper.)

PETROV, I.R., prof.

Treatment of severe circulatory disorders with transfusion of blood and blood substitutes under artificial hypothermia. Akt.vop.perel. krovi no.7:267-275 '59. (MIRA 13:1)

1. Chlen-korrespondent AMN SSSR.
(BLOOD--CIRCULATION, DISORDERS OF)
(BLOOD--TRANSFUSION)
(REFRIGERATION ANESTHESIA)

PETROV, I.R., prof.; KOROSTOVTSEVA, N.V., kand.med.nauk; ASTAKHOVA, T.N., kand.med.nauk; TSIHZERLING, A.V., kand.med.nauk

Use of artificial hypothermia for the prevention of sequelae of circulatory disorders consecutive to ligation of the portal vein and renal artery under experimental conditions. Vest. AMN SSSR 14 no.9:47-56 '59. (MIRA 13:1)

1. Laboratoriya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi i patologoanatomicheskoye otdeleniye Voyenno-morskogo gospitalya. 2. Chlen-korrespondent AMN SSSR (for Petrov).
(HYPOTHERMIA INDUCED)
(PORTAL VEIN physiol.)
(KIDNEYS blood supply)

PETROV, I.R., prof.

Some aspects of studies on the pathogenesism prevention, and therapy of various forms of shock. Vest. AMN SSSR 14 no.11:13-24 '59. (MIRA 13:3)

1. Kafedra patologicheskoy fiziologii Voyenno-meditsinskoy akademii ordena Lenina im. S.M. Kirova (VMOLA) i laboratoiya eksperimental'noy patologii Leningradskogo instituta perelivaniya krovi (LIPK).
(SHOCK)

RAYKO, Z.A.; PETROV, I.R.; KUDRIYTSKAYA, T.Ye.

Phosphorus compounds and lactic acid in brain and heart tissues of hypothermic animals during cardiac arrest and during restoration of systemic circulation by a series of therapeutic procedures. Fiziol. zhur. 45 no.12:1489-1496 D '59. (MIRA 13:4)

1. From the Department of Pathologic Physiology, S.M. Kirov Military Medical Academy, Leningrad.

(CARDIAC ARREST experimental)
(LACTATES chemistry)
(PHOSPHORUS chemistry)
(HYPOTHERMIA INDUCED experimental)
(HEART chemistry)
(BRAIN chemistry)

PETROV I R.

PHASE I BOOK EXPLOITATION SOV/5435

Kiselev, P. N., Professor, G. A. Gusterin, and A. I. Strashinin, Eds.

Voprosy radiobiologii. t. III: Sbornik trudov, posvyashchennyy 60-letiyu so dnya rozhdeniya Professora M. N. Pobedinskogo (Problems in Radiation Biology. v. 3: A Collection of Works Dedicated to the Sixtieth Birthday of Professor M[ikhail] N[ikolayevich] Pobedinskiy [Doctor of Medicine]) Leningrad. Tsentr. n-issl. in-t med. radiologii M-va zdravookhraneniya SSSR, 1960. 422 p. 1,500 copies printed.

Tech. Ed.: P. S. Peleshuk.

PURPOSE: This collection of articles is intended for radiobiologists.

COVERAGE: The book contains 49 articles dealing with pathogenesis, prophylaxis, and therapy of radiation diseases. Individual articles describe investigations of the biological effects of radiation carried out by workers of the Central Scientific Research Institute for Medical Radiology of the Ministry of Public Health, USSR. [Tsentral'nyy nauchno-issledovatel'skiy institut meditsinskoy radiologii Ministerstva zdravookhraneniya SSSR] during 1958-59. The following

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Problems in Radiation Biology (Cont.) SOV/5435

topics are covered: various aspects of primary effects of radiation; the course of some metabolic processes in animals subjected to ionizing radiation; reactions in irradiated organisms; morphologic changes in radiation disease; and reparation and regeneration of tissues injured by irradiation. Some articles give attention to the effectiveness of experimental medical treatments. No personalities are mentioned. References accompany almost all of the articles.

TABLE OF CONTENTS:

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APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001240430004-3"

PETROV, I.R.; KUDRIN, I.D. (Leningrad)

Hundred and fiftieth anniversary of the birth of N.I. Pirogov. Pat. fiziol. i eskp. terap. 4 no. 6:82-85 N-D '60. (MIRA 14:2)

1. Iz kafedry patologicheskoy fiziologii (nachal'nik - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

PETROV, I.R.

General adaptative reactions of the organism during the action of strong unfavorable stimuli. Fiziol. zhur. 46 no.10:1224-1229 [illegible].
(MIRA 13:11)

1. Kafedra patologicheskoy fiziologii Voyenno-meditsinskoy akademii im. S.M.Kirova i laboratoriya eksperimental'noy patologii Instituta perelivaniya krovi, Leningrad.
(ADAPTATION (BIOLOGY))

PETROV, I.R., prof., red.; KHANIN, M.N., prof., zasl. deyat. nauki Uzbekskoy SSR, red.; FEDOTOVA, Z.G., red.; CHAYKA, G.V., red.; SUKHANOV, P.P., tekhn. red.

[Transactions of the Third All-Union Conference of Pathophysiologists]Trudy Vsesoiuznoi konferentsii patofiziologov, 1960. Tashkent, Medgiz, UzSSR. No.3.[Artificial hypothermia]Iskusstvennaia gipotermiia. 1961. 162 p. (MIRA 15:11)

1. Vsesoyuznaya konferentsiya patofiziologov, 3d, Sverdlovsk, 1960. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Petrov). 3. Zaveduyushchiy kafedroy patologicheskoy fiziologii Tashkentskogo gosudarstvennogo meditsinskogo instituta (for Khanin).

(HYPOTHERMIA)

PETROV, Ioakim Romanovich, prof.; GUBLER, Yevgeniy Viktorovich, doktor med. nauk; RAYGORODETSKIYA, S.G.; UDEHMAN, Sh.I., red.; SHEVCHENKO, F.Ya., tekhn. red.; KHARASH, G.A., tekhn. red.

[Artificial hypothermia] Iskusstvennaia gipotermiia. Leningrad, Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1961. 227 p.

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Petrov)
(HYPOTHERMIA)

BOGOMOLOV, S.A., podpolkovnik med.sluzhby, Geroy Sovetskogo Soyuza; VISHNEVSKIY, A.A., prof., general-leytenant medi.sluzhby, laureat Leninskoy premii; VOYACHEK, V.I., prof., general-leytenant med. sluzhby; DYSKIN, Ye.A., dotsent, podpolkovnik med.sluzhby, Geroy Sovetskogo Soyuza; KUPRIYANOV, P.A., prof., general-leytenant med. sluzhby, laureat Leninskoy premii; MOLCHANOV, N.M., prof., general-leytenant med.sluzhby; PETROV, I.A., prof., general-mayor med.sluzhby; ROGOZIN, I.I., prof., general-mayor med.sluzhby

Honor and glory to the Soviet people, its scientists, engineers, and technicians, the creators of the space ship and to IUri Gagarin, the first astronaut and pioneer in the mastery of outer space! Voen.-med. zhur. no.5:10-11 My '61. (MIRA 14:8)

1. Deystvitel'nyye chleny AMN SSSR (for Vishnevskiy, Voyachek, Kupriyanov, Molchanov, Petrov). 2. Chlen-korrespondent AMN SSSR (for Rogozin).

(SPACE FLIGHT)

PETROV, I.R., prof., general-mayor meditsinskoy sluzhby

Current questions on the problem of traumatic shock. Voen.-med. zhur. no.7:18-24 Jl '61. (MIRA 15:1)

1. Deystvitel'nyy chlen AMN SSSR.
(SHOCK)

PETROV, I.R., prof.; GUBLER, Ye.V., doktor med.nauk (Leningrad)

Report on the Third All-Union Conference of Pathophysiologists. Pat.fiziol.i eksp.terap. 5 no.1:83-86 Ja-F '61. (MIRA 14:6)

1. Deystvitel'nyy chlen AMN SSSR (for Petrov).
(PHYSIOLOGY, PATHOLOGICAL—CONGRESSES)

PETROV, I.R., prof.; ZOR'KIN, A.A., dotsent

Symposium in the Leningrad Society of Pathophysiologists on the topic, "On the principles of the subdivision and classification of hypothermia." Pat. fiziol. i eksp. terap. 5 no.2:84 Mr-Ap '61. (MIRA 14:5)

1. Predsedatel' pravleniya Leningradskogo obshchestva patofiziologov (for Petrov). 2. Otvetstvennyy sekretar' pravleniya Leningradskogo obshchestva patofiziologov (for Zor'kin).
(LENINGRAD—PATHOPHYSIOLOGICAL SOCIETIES)

PETROV, I.R.; ZOR'KIN, A.A.

Report on meetings of the Leningrad Society of Pathophysiologists in 1960. Pat.fiziol. i eksp. terap. 5 no.3:92-93 My-Je '61. (MIRA 14:6)

(LENINGRAD—PATHOPHYSIOLOGICAL SOCIETIES)

PETROV, I.R.; IL'INSKAYA, I.V.; ASTAKHOVA, T.N.

Use of bone marrow transplantation in the combined treatment of radiation sickness. Vest. AMN SSSR 16 no.7:63-71 '61. (MIRA 14:7)

1. Leningradskiy institut perelivaniya krovi.
(RADIATION SICKNESS) (MARROW--TRANSPLANTATION)

PETROV, I.R., prof.

Current problems in the pathogenesis of shock. Khirurgiia 37 no.4:133-137 '61. (MIRA 14:4)

1. Iz kafedry patologicheskoy fiziologii (nach. - deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.
(SHOCK)

VOL'PERT, Ye.I., kand. med. nauk; KULAGIN, V.K., dotsent; PETROV, I.R., prof.; UKHANOVA, N.V., kand.med. nauk; SHRAYBER, M.G., prof.; TAL'MAN, I.M., red.; KOSTAKOVA, N.S., tekhn. red.; KHALASH, G.A., tekhn. red.

[Traumatic shock] Travmaticheskii shok. Monografiiu sost.: E.I.Vol'pert i dr. Moskva, Medgiz, 1962. 239 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Petrov). (SHOCK)

PETROV, I.P.; prinimali uchastiye: KULAGIN, V.K.; LEMUS, V.P.; KUTSIBAYA, T.Ye.; KOROSTOVTSEVA, N.V.; KULBIN, I.I.; SULYA, D.I.

General adaptation reactions during the action on the body of noxious stimuli. Vest.AMN SSSR 17 no.5:87-93 '62. (MIRA 15:1)
(ADAPTATION (PHYSIOLOGY))

PETROV, Ioakim Romanovichprof.; FILATOV, Antonin Nikolayevich, zasl. deyatel' nauki, prof.; Prinimali uchastiye: BOGOMOLOVA, L.G., prof.; BONDINA, V.A., st. naychnyy sotr.; DEPP, M.Ye.; CHAPLYGINA, Z.A.; SEMENOVA, Ye.A.; SARKISOV, M.A., red.; ONOSHKO, N.G., tekhn. red.

[Plasma substituing solutions] Plazmozameshchaiushchie rastvory. Izd. 2. Leningrad, Medgiz, 1963. 246 p. (MIRA 16:7)

1. Deystvitel'nyy chlen AMN SSSR (for Petrov). 2. Chlen-korrespondent AMN SSSR (for Filatov). 3. Zaveduyushchiy nauchnoy bibliotekoy Leningradskogo instituta perelivaniya krovi (for Semenova).

(BLOOD PLASMA SUBSTITUTES)

[illegible]

dotsent

[illegible]

cerebral anem[illegible]

[illegible]

[illegible])

PETROV, Ioakim Romanovich; NIKOLAYEV, V.R., red.

[What is disease?] Chto takoe bolezn'? Moskva, Znanie, 1965. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no.9) (MIRA 18:4)

1. Deystvitel'nyy chlen AMN SSSR (for Petrov).

ACC NR: AT6036[illegible]

SOURCE CODE: UR/0000/66/000/000/0305/0306

AUTHOR: Petrov, I. R.

ORG: none

TITLE: Significance of changes in central nervous system, adenohypophyseal, and adrenocortical functions during oxygen starvation [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 305-306

TOPIC TAGS: hypoxia, endocrinology, adrenal gland, central nervous system, adrenocorticotropic hormone

ABSTRACT:

The reported investigation shows that sensitivity to oxygen starvation of various origins and types depends mainly on the functional state of the CNS, adenohypophysis, and adrenal cortex.

In white rats with markedly inadequate internal inhibition, oxygen starvation of various origins (cerebral ischemia, CO poisoning, exposure to rarefied atmosphere) is severe with frequent convulsions and early death. Oxygen starvation in these animals was accompanied by functional insuffi-

ACC NR: AT6036617

breakdown of high-energy phosphorus compounds during oxygen starvation was much less than in the control animals.

CNS inhibitors made it possible to prolong the period of reversible changes in the preterminal and terminal states. It is recommended that for increasing resistance to oxygen insufficiency CNS inhibitors (anesthetics) and agents stimulating the bulbar centers be used simultaneously.

[W. A. No. 22: ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Card 3/3

PETROV, I.R.; AKIMOV, G.A. (Leningrad)

Functional and morphological changes in the central nervous system of animals having had prolonged anemia of the brain under conditions of cerebral hypothermia. Arkh. pat. 27 no. 12:46-50 '65. (MIRA 18:12)

1. Voyenno-meditsinskaya ordena Lenina akademiya imeni Kirova. Submitted Febr. 29, 1964.

PETROV, [illegible] (Leningrad)

Role of V.V. Pashutin in the development of Russian pathological physiology. Pat. fizial. i eksp. terap. 9 no.3:3-7 My-Je '65. (MIRA 18:9)

1. Deyatvitel'nyy chlen AMN SSSR.

[illegible], [illegible], prof., GUBLER, Ye.V.

[illegible] of the plenum of the All-Un. [illegible] physiologists [illegible] in February 2-5, 1965, Fat. Fiz. [illegible] [illegible] 9-95 My-Je '65. [illegible]

1. Predsedatel' Vsesoyuznogo obshchestva patofiziologov [illegible] (for [illegible]). 2. General'nyy sekretar' Vsesoyuznogo obshchestva patofiziologov (for Gubler).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001240430004-3"

PETROV, I.R., prof. [illegible] mayor meditsinskoy sluzhby, [illegible]BOTA, A.C. podpolkovnik meditsinskoy sluzhby, kand. med. nauk

Mechanism of action of ultrasonic [illegible] electromagnetic irradiations; a review of literature. Voen. med. [illegible] 26:[illegible] '64. (MIRA 18:5)

1. Leningradskiy [illegible] [illegible].

PETROV, I.K., prof.; [illegible]

Use of massive [illegible] treatment of com[illegible] following transfusi[illegible] blood. Probl. gemat. i perel. krovi 4 no.[illegible]

1. Leningradskiy [illegible] 'skiy institut [illegible] krovi (dir. [illegible] Belyakov, nauchnyy [illegible] chlen-korrespondent [illegible] chlen AMN SSSR [illegible]

PETROV, [illegible]

[illegible]

[illegible]

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R001240430004-3"

PETROV, I.R., prof.; GUBLER, Ye.V., doktor meditsinskikh nauk

"Pathophysiology of hypoxic conditions" by A.M.Chernyi. Reviewed by I.R.Petrov, E.V.Gubler. Pat.fiziol. i eksp. terap. 7 no.1:88-89 Ja-F'63. (MIRA 16:10)

1.Deystvitel'nyy chlen AMN SSSR (for Petrov)
(ANOXEMIA)

PETROV, I.R.; IL'INSKAYA, I.V.; ALTAPUVA, T.N. (Leningrad)

Hematopoiesis after extraction of various quantities of bone marrow. Bat. fiziol. i eksp. terap. 7 no.4:11-17 Jl-Ag '63. (MIRA 17:9)

1. Iz laboratorii eksperimental'noy biologii (zav.- deystvitel'nyy chlen AMN SSSR prof. I.R. Petrov) Leningradskogo instituta perelivaniya krovi.

MIROLYUBOV, N.N., prof.; PETROV, I.S., dotsent

Data on endemic goiter and thyroid gland function in residents of Bratsk District the village of Vikhorevka. Probl. endok. i gorm. no.2:90-94'63. (MIRA 16:7)

1. Kafedry obshchey khirurgii (zav. - prof. A.I.Sorkina) i rentgeno-radiologii (zav. - prof. N.N.Mirolyubov) Irkutskogo meditsinskogo instituta.
(VIKHOREVKA--GOITER)

GUBENKO, A.P., doktor tekhn. nauk; [illegible]ARKOV, G.N., inzh.; K[illegible]IKOVSKIY, [illegible], inzh.; PETROVNIN, M.I., inzh.; PET[illegible]V, I.S., inzh.; [illegible]LOTINA, A.V., red.izd-va; MIKHAYLOVA, A.A., tekhn. red.

[Inflatable structures] Pnevmaticheskie stroitel'nye konstruktsii. [By] A.P.Gubenko i dr. Moskva, Gosstroiizdat, 1963. 12[illegible] p. (MIRA 16:10)

(Air-pressure support)

PETROV, I.S., inzh.; VOROPONOV, P.N., inzh.

Swelling of chamois leather. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 1:43-45 '60. (MIRA 14:5)

1. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr'."
(Tanning)

PETROV, I.S., inzh.; VOROPONOV, P.N.

Chemical indices of the formation of suede leather. Izv.vys. ucheb.zav.; tekh.leg.prom. no.3:104-113 '60. (MIRA 13:8)

1. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr'".
(Leather)

PETROV, I.S., inzh.

Finishing of locknit warp fabric by discharge printing. Leg.prom. 16 no.10:50-51 O '56. (MIRA 10:12)

(Leather industry)

SHUBIN, A.A.; PETROV, I.S.

Mechanization of cutting flesh side out of deer skins. Obm.tekh.opyt. [MLP] no.26:30-31 '56. (MIRA 11:11)
(Tanning) (Deer)

PETROV, I.S.; VOROPONOV, P.N.

Testing of raw leather for tensile strength. Kozh.-obuv.prom. 3 no.9:27-28 S '61. (MIRA 14:11)

(Leather--Testing)

29

Effect on dyeing of the p_H of chrome-tanned and of vegetable-tanned leathers. A. S. Margulis, I. S. Petrov and A. N. Gasnikov. *Kozhevenno-Obuvnaya Prom.* 14, 713-17(1935). *Chimie & industrie* 36, 383. Preliminary treatment of chrome or vegetable tanned leather has considerable effect on its coloring. For each dye there is an optimum p_H at which there is max. adsorption by the leather and max. tinctorial power. Acid colors dye best at a p_H of 3-4, for both chrome- and vegetable-tanned leathers. Substantive dyes give best results at p_H 3.5-4.0 for vegetable-tanned leather and 4-5 for chrome leather. The shades obtained with basic dyes are less sensitive to variations in p_H than those obtained with acid and substantive dyes, but for each basic dye also there is an optimum p_H at which adsorption by the leather is max.

A. Papineau Couture

A10 SLA METALLURGICAL LITERATURE CLASSIFICATION

Another method for the rapid determination of moisture in leather

METALLURGICAL LITERATURE CLASSIFICATION

Ca

29

Tanning experiments on the production of hard leather with refined oak bark extracts A. S. Margulis, L. S. [illegible] and A. N. Casnikov. A. [illegible] Chem. Zeitr. 1936, I, 4184. Vegetable tanning extr. were refined or enriched in various ways and their tanning properties tested. The [illegible] of purifying the extr. and tanning methods used are described. The suitability of the extr. for the production of the hard types of leather [illegible] were especially investigated. [illegible]

METALLURGICAL LITERATURE CLASSIFICATION

PETROV, I.S.; SOBOLEV, N.V.; TSIMMEL'ZON, M.R.; PAVLOVA, V.A.

Boiling staple fabrics with peroxide in IvNITI kiers. Tekst. prom. 17 no.3:40-41 Mr '57. (MLRA 10:4)
(Cotton finishing) (Bleaching) (Hydrogen peroxide)

PETROV, I.S., kandidat tekhnicheskikh nauk.

New machines and machine tools for finishing work. Mekh.stroi.14 no.1:21-24 Ja '57. (MLRA 10:2)
(Building machinery)

ANTONOV, V.I.; PETROV, I.S.

Using centrifugal pumps in conveying lime liquor to lime vats.
Obm.tekh.opyt. [MLP] no.26:22-23 '56. (MIRA 11:11)
(Tanning)

PHASE I BOOK EXPLOITATION SOV/2420

Akademiya nauk SSSR. Komissiya po tekhnologii mashinostroyeniya

Obrabotka zharoprochnykh splavov (Treatment of Heat-Resistant Alloys. Moscow, Izd-vo AN SSSR, 1960. 231 p. 3,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Nauchnyy sovet po problemam zharoprochnykh splavov.

Resp. Ed.: V.I. Dikushin, Academician, Ed. of Publishing House: V.A. Ester. Tech. Ed.: V.V. Bringal'.

PURPOSE: This collection of papers is intended to summarize current information on the treatment of heat-resistant alloys with a view toward coordination further research.

COVERAGE: The book is a collection of papers presented at the Conference on Heat-Resistant Alloys, held 15-21 December 1958 by the Commission on Machine-Construction Technology of the Institut mashinovedeniya AN SSSR (Institute of Machine Science, Academy of Sciences USSR). The thirty papers in the collection deal with the casting, pressure working, welding, and cutting of heat-resistant alloys. No personalities are mentioned. References accompany several of the articles.

Card 4/6

GUBENKO, A.B., doktor tekhn.nauk; ZUBAREV, G.N., kand.tekhn.nauk; PETROV, I.S., inzh.

Structural plastics and elements made of them. Trudy TSNIISK no.11:5-63 '62. (MIRA 15:9)

(Plastics)
(Building materials)

PETROV, I. S.

Forging

Hard-alloyed matrice for forging of products. Stan. i instr. 23 no. 4, [illegible]

9. Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

PHASE I BOOK EXPLOITATION SOV/3791

Soveshchaniye po obrabotke zharoprochnykh splavov, Moscow, 1957.

Obrabotka zharoprochnykh splavov; [sbornik dokladov...] (Treatment of Heat-Resistant Alloys; Collection of Papers Read at the Conference), Moscow, Izd-vo AN SSSR, 1960. 231 p. 3,500 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya; Akademiya nauk SSSR. Institut metallurgii im. A.A. Baykova. Nauchnyy sovet po problemam zharoprochnykh splavov.

Resp. Ed.: V.I. Dikushin, Academician; Ed. of Publishing House: V.A. Kotov; Tech. Ed.: V.V. Bruzgul'.

PURPOSE: This book is intended for metallurgists.

COVERAGE: The book consists of thirty papers read at the Conference on the Treatment of Heat-Resistant Alloys held in Moscow by the Committee on Machine-Building Technology, Institute of the Science of Machines, Academy of Sciences USSR, in 1957. The papers deal with four principal areas of alloy metallurgy: casting, forming, machining, and welding. The alloys (together with refractory carbides, borides, nitrides, and oxides) are discussed especially in connection with their application in the manufacture of turbine blades, heat engines, boilers, reactors, containers for high-temperature melts, dies, casting molds, and metal-cutting tools. No personalities are mentioned. Some of the articles are accompanied by references, mainly Soviet.

BELOZEROVA, Anastasiya Sergeyevna; VETRYUK, Ivan Martynovich; GODILO, Petr Viktorovich; ZUBAREV, Georgiy Nikolayevich; KOVAL'CHUK, Leonid Mikhaylovich; KSYUNINA, Nina Grigor'yevna; NIKIFOROV, Yuriy Nikolayevich; PARINI, Yevgeniy Pavlovich; PATUROYEV, Vasiliy Vasil'yevich; PETROV, Igor' Stepanovich; CHERNYY, Boris Grigor'yevich; GUBENKO, A.B., doktor tekhn. nauk, red.; SAKHAROV, M.D., red.; MAKSAKOVA, A.M., red.izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Glued wooden elements and techniques for their manufacture] Kleenye dereviannye konstruktsii i tekhnologiia ikh izgotovleniia. [By] A.S.Belozerova. i dr. Moskva, Goslesbumizdat, 1962. 180 p. (MIRA 16:5)

(Gluing)

PETROV, I.T.; POVKH, B.V.; BLIKHARSKIY, B.A.; CHERNOV, V.I. [deceased]; KLITINA, S.Ye.; ROZANOV, Ye.M.; SHUFLAT, A.N.

Incidence of influenza and acute cararrhs of the upper respiratory tracts in miners of Chervonograd, Lvov-Volyn' Basin. Vrach. delo no.1:105-109 Ja'64 (MIRA 17:3)

1. Chervonogradskaya mediko-sanitarnaya chast' [illegible] Ukrzapadugeol' (for Petrov, Povkh, [illegible]). [illegible] Kafedra propedevticheskoy terapii lechebnogo fakul'teta - sav. dotsent V.I.Chernov [deceased]) L'vovskogo meditsinskogo instituta (for Klitina, Rozanov, Shuflat).

PETROV, I. S.

Petrov, I. S. "Cases of kidney carbuncles," Sbornik nauch. rabot evakogospitaley i Kafedry obshchey khirurgii (Irkut. ob. otd. zdravookhraneni,a. Irkut. gos. med. in-t),(Irkutsk), 1948, p. 85-93

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

PETROV, I. S., Cand Med Sci -- (diss) "Treatment of Trophic Ulcers, Inflammatory Processes, and Endarteritis of Extremeties by Intraarterial Injection of Novocaine and Novocaine with Penicillin." Irkutsk, 1956. 16 pp. (Irkutsk State Med Inst), 150 copies. (KL 7-58, 113)

V

USSR/Human and Animal Physiology. Digestion.

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 26986.

Author : I.S. Petrov.
Inst : The Tomsk Medical Institute.
Title : Experimental Studies of the Motor Evacuation Function of the Gastrointestinal Tract in Dogs With Pyloric Portions of the Stomach Resected.

Orig Pub: 5-y Pavlovsk. sb. Tomskiy med. in-t, Tomsk. un-t, 1956, 23-24.

Abstract: In three dogs stomach resections performed according to the Savin modification of Bilroth II and two dogs with Bilroth I resections, fluoroscopic examination revealed delayed evacuation from the stomach of meat, bread and milk in the initial period following resection. From the end of the first month after re-

Card : 1/2

MIROLIUBOV, N.N.; PETROV, I.S.

Experience in the use of radioactive iodine in determining the functional activity of the thyroid gland in thyrotoxicosis before and after treatment. Probl. endok. i gorm. 6 no.6:52-57 '60. (MIRA 14:2)

(HYPERTHYROIDISM) (IODINE- ISOTOPES)

LIVYY, G.V., kand.tekhn.nauk; KUTOVSKIY, [illegible].Ya., inzh.; [illegible]N, A.I., PETROV, I.S.

"Technology of leather and fur" by N.V. Chernov and others. Reviewed by G.V. Livyy and others. Kozh.-obuv.prom. 3 no.[illegible]:3-3[illegible] '61. (MIRA 14:8)

1. Ukrainskiy nauchno-issledovatel'skiy institut kozhevenno-obuvnoy promyshlennosti (for Livyy). [illegible] Kozhevennyy zavod imeni Kominterna (for Kutovskiy). 3. Belorusskiy nauchno-issledovatel'skiy institut tekstil'noy i legkoy promyshlennosti (for [illegible]). 4. Kalininskiy kozhevennyy zavod "Krasnyy Oktyabr'" (for Petrov).
(Leather) (Fur) (Chernov, N.V.) (Kronina, [illegible]) (Gai[illegible]rov, [illegible]) (Golovteeva, [illegible]) (Ustrakov, [illegible]) (Shestakova, [illegible])

MIROLYUBOV, N.N., prof.; PETROV, I.S., dotsent

State [illegible] the May [illegible] workers [illegible] the Bratsk Hydroelectric Station based on [illegible] radioactive iodine. Prob. [illegible] (MIRA [illegible])

1. Leningradskiy [illegible] (zav. - prof. [illegible]) [illegible] (zav. - prof. S [illegible]) [illegible] institutsa.

PETROV, I.S.

Methodology of intra-arterial introduction of novocaine. Eksper. khir. i anest. 7 no.5:76-81 S-O '62. (MIRA 17:10)

1. Iz kafedry patologicheskoy fiziologii (zav.- prof. N.M. Intyrova) Irkutskogo meditsinskogo instituta.

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

BC

B-17 10

Direct and indirect methods of determining the isoelectric point. II. Isoelectric points of different sorts of gelatin. I. T. Pappy and A. O. Parsons (J. Phys. Chem. Rend., 1934, 8, 24—34).—"Anomalous" gelatin (isoelectric point, p_H 6·5—8, instead of 4·7—4·9) obtained by acid treatment of pig skin has been titrated with sub samples of ordinary gelatin. Distinct breaks observed in isoelectric points as determined by opacity (fig. 6), in the Ag-binding capacity, and in the acid-alkali titration curves. Alkalis and buffer mixtures convert the anomalous form into the normal variety. Dissociation constants corresponding with the acid and basic groups of the normal and anomalous forms have been derived from the titration curves. E. R.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

The relations between the quality of finished leather and the soaked skins [illegible] Pytlasz A. Ashevenko (Burnaya Prom 14, [illegible]) A. the cussion on the sorting of raw hides A. A. Rechtlinak

ORINBERG, N.A., kand. tekhn. nauk; PETROV, I.V., inzh.; KOSHELEV, I.K.

Wear resistance of building-up materials at variable temperatures.
Vest. mashinostr. 45 no.6:33-37 Je '65. MIRA 18:6

PETROV, I.V.; ANTONOV, V.A.

Gas cutting units. Bull.tekh.-ekon.inform.Gos.nauch.-issl. inst.nauch. i tekh.inform. 16 no.10:21-24 '63. (MIRA 16:11)

PAVLOV, Sp.; KARAPETROV, Gr.; PETROV, Iv.; KREMIKOV, Iv.

Somatometric characteristics of the 11-year-old children of Plovdiv. Izv Inst morf BAN 8 89-112 '63.

PETROV, I.V., assistent

Conference on problems in the dependability and longevity of machines in the mining industry. Gor. zhur. no.5:76 My '63. (MIRA 16:5)

1. Moskovskiy inzhenerno-stroitel'nyy institut im. Kuybysheva.
(Mining machinery)

CHUDAKOV, K.P., kand.tekhn.nauk; PETROV, I.V., inzh.; VALOVA, L.S., inzh.

Investigating the efficiency of building-up materials under dynamic abrasive wear conditions. Vest.mashinostr. 43 no.8: 25-29 Ag '63. (MIRA 16:9)

(Metals--Testing)

PETROV, I.V., inzh.; SHVARTS, V.S., inzh.

Automation of the preparation of building mortars. Mekh. stroi. 18 no.12:10-12 D '61. (MIRA 16:7)

(Mortar) (Automation)

VANEYEV, I.I.; PETROV, I.V.; PETROV, M.A.; LAZAREVSKIY, A.F.

Use of a recirculating water supply in the flotation of copper-nickel ores. Obog. rud 7 no.5:25-29 '62. (MIRA 16:4)
(Flotation--Water supply)

PETROV, I.V., inzh.

Durability and reliability of automated mortar units. Mekh. stroi. 20 no.4:14-15 Ap '63. (MIRA 16:3)

(Mortar)

VAMBYEV, I.I.; GORIGVSKIY, S.I.; [illegible], G.V.; [illegible], T.Ye.; [illegible]; uchastiye: [illegible]; TOMKOVICH, Ye.I.; [illegible]; MIKIFOR'YA, S.I.

Use of high molecular organic depressants in the flotation of copper-nickel ores. Obog. rud 4, no.2:1-9 '61. (Mira [illegible])

(Flotation—Equipment and supplies) (Nonferrous metals)

KHODOROVICH, M.A.; LERNER, F.M.; LOTOTSKIY, K.V.; VOLOSHCHENKO, V.A.; PETROV, I.V.; NIKITINA, V.M., red.; DEYEVA, V.M., tekhn. red.

[Operation and repair of agricultural electric systems] Ekspluatatsiia i remont sel'skokhoziaistvennykh elektricheskikh ustanovok. Izd.2. Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov i plakatov, 1961. 335 p. (MIRA 15:1)
(Electric power distribution) (Electricity in agriculture)